

# **Exhibit A**

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Wave (Patents)	Jurisdiction	Defendants
Wave 1 ( '815 and '005 Patents)	N.D. Cal. (transferred from D. Nev.)	<ul style="list-style-type: none"> <li>● Apple (5:18-cv-06217-LHK)</li> <li>● Verizon (5:18-cv-06054-LHK)</li> <li>● AT&amp;T (5:18-cv-06177-LHK)</li> <li>● Twitter (5:18-cv-04523-LHK)</li> </ul>
Wave 2 ( '762, '330, '002, and '549 Patents)	N.D. Cal. (transferred from D. Nev.)	<ul style="list-style-type: none"> <li>● Amazon (5:18-cv-07020-LHK)</li> <li>● Apple (5:18-cv-06216-LHK)</li> </ul>
Wave 3 ( '606 Patent)	W.D. Tex.	<ul style="list-style-type: none"> <li>● Google (6:20-cv-00269-ADA)</li> <li>● Facebook (6:20-cv-00267-ADA)</li> <li>● Amazon (6:20-cv-00272-ADA)</li> <li>● Apple (6:20-cv-00275-ADA)</li> <li>● Verizon (6:20-cv-00327-ADA)</li> <li>● AT&amp;T (6:20-cv-00325-ADA)</li> </ul>
Wave 3 DJ ( '606 Patent)	N.D. Cal.	<ul style="list-style-type: none"> <li>● Apple (5:20-cv-02460-LHK)</li> <li>● Verizon (5:20-cv-03092-LHK)</li> <li>● AT&amp;T (5:20-cv-02995-LHK)</li> <li>● Twitter (5:20-cv-02397-LHK)</li> </ul>
Wave 4 ( '234 and '721 Patents)	W.D. Tex	<ul style="list-style-type: none"> <li>● Google (6:21-cv-00667-ADA)</li> <li>● Facebook (6:21-cv-00665-ADA)</li> <li>● Amazon (6:21-cv-00668-ADA)</li> <li>● Apple (6:21-cv-00670-ADA)</li> <li>● Verizon (6:21-cv-00672-ADA)</li> <li>● AT&amp;T (6:21-cv-00671-ADA)</li> <li>● T-Mobile (6:21-cv-00674-ADA)</li> </ul>
Wave 4 DJ ( '234 and '721 Patents)	N.D. Cal.	<ul style="list-style-type: none"> <li>● Apple (3:21-cv-05110-JD)</li> <li>● Verizon (3:21-cv-05275-JD)</li> <li>● AT&amp;T (3:21-cv-05078-JD)</li> </ul>
Twitter DJ ( '872 Patent)	N.D. Cal.	<ul style="list-style-type: none"> <li>● Twitter (5:21-cv-02769-LHK)</li> </ul>